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**PROGRESS REPORT**  
ON THE  
**FOREST ADMINISTRATION**  
OF THE  
**KISHANGARH STATE**  
FOR THE  
**SAMBAT YEAR 1961.**

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# Progress Report on the Forest Administration of the Kishangarh State for the Sambat year 1961.

## INTRODUCTION.

The following is the summary of the more important events of the year under report.

### AREA.

1. An addition of 160 acres has been made this year making the total area of 29,600 acres of forest lands against 29,440 acres of last year.

### PLANS OF OPERATIONS.

2. Plans were carried out by the Forest Subordinates as usual.

### GENERAL PROTECTION.

3. The number of Forest cases during the year was 553, involving 773 persons ; and the fines realised amounted to Rs- 728-7-0.

### PROTECTION FROM FIRE.

4. There was only one case of fire and that was in the Sawatsar *bir*. This accident was caused by sparks from a running Locomotive Engine.

### PROTECTION FROM CATTLE.

5. The area closed against browsing animals and cattle this year was much less than that of last year.

### PROTECTION AGAINST INJURIES FROM NATURAL CAUSES.

6. Frost did much damage to Forest growth during the year under report.

### SYLVICULTURE.

7. The reproduction from seed suffered much from severe frosts but in case of *coppice* the effect was not so bad. Sowings were made as usual notwithstanding the frosts, 298 *Ziglyphus* grafted plants survived.

### EXPLOITATION.

8. Selection, coppice, and unregulated fellings were the methods used in exploitation of Major Forest produce.

9. Minor Forest produce was generally given on lease. Animals allowed to graze in the *birs* by the Department and those grazed by contractors numbered 18,714 and 888 respectively.

10. The value of the whole Forest produce utilised was Rs- 43,605.

## FINANCIAL RESULTS.

11. The Revenue for the year was ... Rs. 30,181  
 and the expenditure ... „ 7,995  
 leaving a surplus of ... „ 22,186

## GENERAL.

12. The date plants, the roadside tress, the plants in and outside the towns and those planted to commemorate the Coronation of His Majesty, the King Emperor are doing fairly well. The date plants were not affected.

13. *Agricultural Farms*—Lucerne was the chief crop in these farms.

14. *Karkhanas*—The Karkhanas under the supervision of the Forest Department were :—

- (1) Bâgār.
- (2) Shikarkhana.
- (3) Bara Bara.
- (4) Gobria Bara, and Camel breeding.

15. *Miscellaneous Experiments*—These experiments were as follows:—

- (1) Ensilage.
- (2) Grass mowing machines.
- (3) Use of pods for milch cattle.
- (4) Breeding of cattle by Nagori bulls.
- (5) Horse breeding.
- (6) Crop of Himalayan wheat.
- (7) Crop of Oats.
- (8) Crop of Arhar.
- (9) Farm tillage by students.
- (10) Sowing of Rambans.
- (11) Different manures used.
- (12) Fertilizing Bacteria from America.
- (13) Use of Aermotor.
- (14) Roofing of *moorand* clay,
- (15) Culture of Silk worms.

## ADMINISTRATION.

16. *Forest Staff*—There were no material changes in the staff. One of the Forest subordinates who attended the practical course of training in grass and Dairy Operation at the Government Farm at Allahbad passed out successfully as a second class native overseer.

17. The charge of the Department was held by Pandit Ram Narain, a qualified Forest officer trained at the Forest School Dehradun.

## CHAPTER I.

### Constitution of State Forest.

#### I. ALTERATION IN AREA.

1. Some square mile or 160 acres of grass producing land have been added to the Forest land this year, thus making a total of 29,600 acres against 29,440 acres of last year.
2. Form No. 16 shows the detail of the Forest area for the year under report.

#### II. FOREST SETTLEMENTS.

3. There are no remarks to be made under this Section.

#### III. DEMARCATION.

4. Boundaries previously marked have been maintained during the year.

#### IV. SURVEYS.

5. The Survey of the Kishangarh State, mentioned in last year's report continued during the year. The Forest areas are being marked out in village maps.

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## CHAPTER II.

### Management of State Forests.

#### 1.—*Regulation of management.*

##### (a) Preparation and Control of regular Working plans.

1. No remarks are to be made under this sub-section.

##### (b) Preliminary Working plan reports.

2. No such reports have been made.

##### (c) Plans of Operations.

3. These plans were prepared and explained to the subordinates for being put into force.

#### 2.—*Communications and Buildings.*

##### (a) Roads and Bridges.

4. No remarks are to be made under this sub-section.

##### (b) Buildings.

5. Nothing to be mentioned under this sub-section this year.

##### (c) Miscellaneous Works.

6. Only thatching work was undertaken this year in connexion with repairs.

### 3.—Protection of Forests.

#### (a) General protection.

7. The Forest offences for the year were as under :—

No.	DESCRIPTION.	No. of Forest Offences.		1961.							
		1960.	1961.	Increase.	Decrease.	No. of Offenders.	Amount of Fines realized.				
							Rs.	A.	P.		
1	Injury by fire ... ..	...	...	...	...	...	...	...	...	...	...
2	Unauthorized felling or removal of produce ... ..	386	329	...	7	501	409	2	0		
3	Unauthorized grazing ... ..	168	177	9	...	209	272	4	0		
4	Other offences ... ..	45	47	2	...	63	47	1	0		
	Total ... ..	549	553	11	7	773	728	7	0		

#### (b) Protection from fire.

8. There was only one case of fire and that was in the Sawatsar Bir caused by a passing steam Engine.

#### (c) Protection of Cattle.

9. The percentage of Forest open to (i) grazing and (ii) Browsing animals to the whole area is, as shown below :—

No.	DESCRIPTION.	1960.	1961.	PERCENTAGE.	
				1960.	1961.
		Acres.	Acres.	Acres.	Acres.
1	Whole are under the management of the Department ... ..	29,440	29,600	...	...
2	Closed against browsing animals for the whole year...	12,160	4,480	41.3	15.18
3	Closed against browsing animals or cattle for part of the year ... ..	17,280	25,120	58.7	84.87
4	Not closed ... ..	...	...	...	...

#### (d) Protection against injuries from natural causes.

10. Much damage was done to Forest growth this year by frosts. Yearlings, seedlings, sapplings poles and even trees were affected. The younger the growth, the greater was the damage.

### 4.—Sylviculture.

#### (a) Natural Reproduction.

11. The reproduction from seed was damaged by the severe frosts of the year, but that from coppice was little affected. The species coppiced being able to resist the effect of frost.

(b) **Artificial Reproduction.**

12. Sowings of different seeds were made and as usual, but the seedlings did not survive owing to severe winter frosts.

(c) **Operations for the improvements of the growing stock.**

13. No remark to be made under this sub-section.

(d) **Experiments.**

14. The grafting experiment was continued during the year, nearly all the grafted *Zizyphus* plants bore fruits, but the fruits and the plants both suffered much from frost.

15. The statement below shows the number of successfully grafted plants :—

No.	Name of village.	SUCCESSFUL PLANTS.		Total.
		1960.	1961.	
1	Akoria ... ..	49	5	54
2	Arain ... ..	48	...	48
3	Sirunj and Gagunda ... ..	12	6	18
4	Bandersindri ... ..	7	10	17
5	Barna ... ..	35	...	35
6	Rupnagar ... ..	29	70	99
7	Sarwar ... ..	3	17	20
8	Kasba Kishengarh ... ..	5	...	5
	Total ...	188	108	296

5.—**Exploitation.**(a) **System of management.**I. **MAJOR FOREST PRODUCE.**

16. The various systems of exploitation used in the Kishengarh Forests are Selection, coppice, and unregulated fellings.

II. **MINOR FOREST PRODUCE.**

17. Most of the minor Forest produce is usually disposed of by leases.

18. Grass is first removed for Raj animals and then the birs are opened to grazing.



19. The following statement shows the number of animals allowed to graze both departmentally and by contract, and the revenue realized :—

Description.	DEPARTMENTALLY.			BY CONTRACT.			TOTAL.		
	No. of animals.	Amount of Fees received.			No. of animals.	Amount of Fees received.			Amount of Fees received.
		Rs.	a.	p.		Rs.	a.	p.	
Kishangarh ... ..	7,100	2,262	0	6	812	203	0	0	7,912 2,465 0 6
Arain ... ..	3,510	1,218	0	3	20	5	0	0	3,530 1,223 0 3
Bandersindri ... ..	2,353	735	3	9	56	14	0	0	2,409 749 3 9
Rupangarh ... ..	144	36	0	0	...	...	...	...	144 36 0 0
Sarwar ... ..	2,180	570	3	3	...	...	...	...	2,180 570 3 3
Bagar (Kishangarh) ...	1,992	203	0	0	...	...	...	...	1,992 203 0 0
Jawadan {	Khatoli ...	1,231	330	12	0	...	...	...	1,231 330 12 0
	Gothana ...	204	51	0	0	...	...	...	204 51 0 0
Total ...	18,714	5,406	3	9	888	222	0	0	19,602 5,628 3 9

(b) Agency of exploitation.

(i) Departmental Agency.

20. Fuel, wood, and grass for depôts and Karkhanas were collected departmentally.

(ii) Purchasers.

21. The Forest produce, under this sub-section was generally sold on the spot from whence it was removed by the purchasers at their own cost.

(iii) Rights and privileges.

22. There are no rights and privileges exercised by any body except the Darbar who are the sole proprietors.

(iv) Free grants.

23. Raj Officials employed in the Districts are generally supplied with fuel free.

(v) For Raj Service.

24. Fuel is collected for Raj service and for the use of *Umedwars*. There are consequently two Karkhanas maintained named Bara Bâda and Bada for *Umedwars*.

25. Grass is collected for Raj animals by the Forest Department.

(c) Outturn and Sources of Forest Produce.

26. The following statement shows the value of all the Forest produce detailed in Forms Nos. 17 and 18 :—

Description.	Major Produce.			Minor Produce.			Total.		
	Rs.	a.	p.	Rs.	a.	p.	Rs.	a.	p.
Removed by Raj Agency ...	12,674	4	0	...	...	...	12,674	4	0
Removed by Purchasers ...	4,760	12	3	12,017	7	9	16,778	4	0
Total ...	17,435	0	3	12,017	7	9	29,452	8	0
Removed by free grants ...	573	14	0	...	...	...	573	14	0
Removed for Raj Service ...	7,585	10	0	5,992	12	0	13,578	6	0
Total ...	8,159	8	0	5,992	12	0	14,152	4	0
Grand Total ...	25,594	8	3	18,010	3	9	43,604	12	0

27. In the Forest of the Kishangarh State there are no valuable timber producing trees, and therefore the produce under the head "Major Produce," is chiefly, fuel wood used to manufacture agricultural implements.

28. The more important Minor products are grass; bark of acacia pods book of casia auri culata (Awal) and Lac of Ficus.

### CHAPTER III.

#### Financial Result.

1. The following is a comparative statement of the Income and Expenditure for the Sambat year 1960 and 1961 and the average of the 5 years ending 1960 (1956-1960) :—

SAMBAT YEARS.	INCOME.			EXPENDITURE.			SURPLUS.		
	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.
Average of 5 years 1956-1960.	20,086	15	2	5,472	2	8	14,614	12	6
1960 ...	24,432	9	6	6,591	0	3	17,841	9	3
1961 ...	30,180	15	6	7,994	12	6	22,186	2	6
Difference between 1960-1961.	5,748	5	0	1,403	12	3	4,344	9	3

2. The following is the comparative statement of produce under the 7 heads detailed in Form No. 19 for the Sambat years 1960-1961.

Sambat years.	Wood.	Grass and grazing.	Patri.	Awal.	Lac.	Other Forest produce.	Fines.	TOTAL.
	Rs	Rs	Rs	Rs	Rs	Rs	Rs	Rs
1960 ...	12,662	4,330	5,626	180	47	881	707	24,433
1961 ...	17,435	6,765	4,482	180	81	510	728	30,181
Difference ...	+4,773	+2,435	-1,144	0	+34	-371	+21	+5,748

3. The analysis of expenditure is shown in Form No. 20. The following statement shows the percentage of expenditure on the heads of A. and B. and other miscellaneous heads :—

	Expenditure.	Percentage.
A. Conservancy and Works ...	... 4,601-7-6	57-6
B. Establishment ...	... 2,993-1-0	37-4
Miscellaneous expenditure ...	... 400-4-0	5-0
Total ...	7,994-12-6	100-0

## CHAPTER IV.

### Administration.

1. The charge of the Department was held by Pandit Ram Narain the Superintendent of Forests.

2. Rao Bahadur Babu Syam Sunderlalji B. A., C. I. E. Diwan of the State, notwithstanding his multifarious duties found time to advise the Superintendent of Forests in all Forest matters.

3. Lala Bijai Karan has been permanently appointed as Assistant Superintendent of Forests.

4. Lal Chand Ahlmad was dismissed having proved incompetent.

### ESTABLISHMENT.

5. At the end of the Sambat year the Forest Staff stood as follows:—

1. Superintendent.
1. Assistant Superintendent.
5. Girdawars or Foresters.
3. Ahlmads or Clerks.
30. Forest Guards.
3. Rawannas or Mates.
2. Orderlies.
1. Farrash.
3. Cartsmen.

## TOURING OF GIRDAWARS.

1. The statement below shows the outdoor work of the Girdawars.

No.	Range or District.	Name of Girdawars.	No. of days in charge.	No. of days in Head-quarters.	No. of days in Camp.	Leave.	Sickness.
1	Arain ... ..	Ror. Singh ... ..	354	108	239	7	...
2	Kishangarh ... ..	Dhokal Singh ... ..	354	32	305	17	...
3	Dō. ... ..	Chander Singh ... ..	354	...	...	...	...
4	Sarwar ... ..	Ratan Singh ... ..	354	13	321	18	2
5	Rupangarh ... ..	Madan Singh ... ..	354	68	276	...	10

2. The forest work in the Districts is carried on by Revenue Tehsildars who are held responsible for their circle.

3. The Superintendent of Forests as well as the Assistant Superintendent inspected the work of the Girdawars and the Tehsildars.

4. The Forest Girdawar Nawal Singh who was sent to the Government grass and Dairy Farm at Allahbad for training, passed out successfully as a second class native overseer.

## CHAPTER V.

## GENERAL.

1.—*Date Culture.*

1. All the date plants in different plantations are doing well.

2.—*Arboriculture.*

2. The number of plants along roads and in and around towns is almost the same as mentioned in last year's Report.

3. The trees planted in commemoration of the Coronation of His Majesty the King Emperor are being taken care of in all the Khalsa villages and in some of the Jagir villages. The number of such plants is nearly 400.

3.—*Agricultural Farms.*

4. In the four Farms, one in each district, lucerne was produced for the use of horses. Other crops mentioned under the head "Miscellaneous experiments" were also produced.

5. The manures used in these Farms in addition to the cowdung manure generally used for all crops, have been mentioned under this head.

4.—*Karkhanas.*

6. The Karkhanas under the Forest Department are as follows:—

1. Bagars.
2. Shikarkhana.
3. Bara Bada.
4. Gobria Bada.
5. Camel breeding.

7. They are supervised by subordinate officers.

(1) *Bâgürs*.—The collection of fodder in the Bagars is shown in Form No. 22, and the old stock of grass in stacks in Form No. 23.

(2) *Shikarkhana*.—This is closely related to *Tantalka*. The Forest Department deals only with the expenditure which is shown in appendix B.

(3) *Bara Bada*.—This is included in *Tal* at Kishangarh.

(4) *Gobria Bada*.—The collection of fuel in this Karkhana is shown in appendix A.

(5) *Camel breeding*.—This Karkhana has been now transferred to the Stables Department.

(6) *Miscellaneous experiments*.

8. The following are the miscellaneous experiments performed during the year under report.

(1) *Ensilage*.—Green grass was buried in 2 pits in the Kishangarh *bir* and in one well in the Rupangarh District. The pits and well were opened out in winter. The grass of the Rupangarh well was ripe and could be turned into hay but not into silage. The silage out of the 2 pits was better than that of the previous years. It was consumed by animals (bullocks and elephants) who appeared to like it.

(2) Two grass cutting machines were in use this year in the *Birs* at Kishangarh, Arain, Sirunj and Bandersindri.

(3) Owing to the frosts alluded to above, the produce of *Acacia* pods was not much, and only one plot of *Acacia* plants was sold separately for milch cattle.

(4) The breeding of cattle by Nagori bulls continued, and the prohibition of the use of inferior bulls, as Brahmani or sacred bulls for breeding purposes, was enforced. The calves produced from Nagori bulls were promising.

(5) The crop of the Himalayan wheat was  $4\frac{1}{2}$  bighas this year. This crop could withstand the effects of frost. The produce of the crop on the whole was nearly 11 maunds of wheat.

(6) The crop of Oats was  $17\frac{1}{2}$  bighas at different Farms. In some Farms the crop suffered from frost; but the produce on the whole was 64 maunds.

(7) Arhar too was sown in different Farms. It germinated well but the crop suffered much from frost. The area sown was about 22 bighas.

(9) *Mâdâr*-sowing was not repeated owing to its failure last year.

(10) Some Farms were attached to schools in Bandersindri, Arain, Sarwar and Rupangarh. The produce of the crops sown in these fields was not much owing to the frosts of winter.

(11) *Rambans*—(Sisal Hemp) Some 150 plants of Rambans were sent for from Saharanpur. They were planted in a nursery bed in the Farm at Kishangarh. They are all alive and doing well.

(12) *The Fertilizing Bacteria*—The nitrogen-fixing *organism*. The inoculating material for Legumes were sent for from America at the end of the year 1904. Their solution was prepared according to the instructions received with the Bacteria and was used for soaking Leguminous seeds.

The Legumes used were :—

*Moth*—(Phaseolous)

*Mung*—(Phaseolous Munga)

*Urad*—(Phaseolous Radins)

*Chola*—

They were sown in the Kishangarh Farms and at Sarwar. In the Kishangarh Farms they germinated well. But after sometime the leaves began to wither and ultimately all the plants dried up, in spite of all care taken.

(13) *Manures*—Different manures such as bone-dust, lime, horselitter etc. were tried in the Farms in addition to the cowdung manure generally used in the Farms.

(14) The aermotor erected on a well in the Gondalao lake, worked well.

The crop of wheat and barley round the well was irrigated by the water pumped out by the aermotor.

(15) 'Moörand' clay roofing was again done this year. In Kishangarh Bagar Karkhana, one bagar (Stack of grass) was roofed by this clay.

(16) Eri silk culture has been revived at the Agricultural Farms in connection with the old scheme that had to be held back during the famine of 1901. It is hoped that the industry will not have to be given up for want of castor leaves. Experiments are being made to feed the worms on leaves of various trees of indigenous growth.

The idea is to popularise Eri silk culture to give supplementary occupation to cultivators side by side, with the grafting of *Zizyphus* plants planted along the banks of water channels to ensure facility of irrigation.

PANDIT RAM NARAIN,

*Superintendent of Forests,*

*Kishangarh.*



# APPENDICES.





No.	Hakumat or District.	Halka or Range.	Forest Reserves.	AREA.				ADDED DURING THE YEAR.		EXCLUDED DURING THE YEAR.	
				1960.		1961.		Sq. Miles.	Acres.	Sq. Miles.	Acres.
				Sq. Miles.	Acres.	Sq. Miles.	Acres.				
1	Kishangarh	Kishangarh	Malas and village forests ...	20	12,800	20	12,800	...	...	...	...
2	Arain	Arain	Kasba and village forests ...	7½	4,960	7½	4,960	...	...	...	...
3	Bandersindri	Kishangarh and Arain	Kasba and village forests ...	6½	4,000	6½	4,000	...	...	...	...
4	Rupangarh	Rupangarh	Kasba and village forests ...	6½	4,320	7	4,480	½	160	...	...
5	Sarwar	Sarwar	Kasba and village forests ...	1½	800	1½	800	...	...	...	...
6	Kishangarh and Rupangarh	Kishangarh and Rupangarh	Total ...	42	26,880	42½	27,040	½	160	...	...
			Jagir and Udak forests ...	4	2,560	4	2,560	...	...	...	...
GRAND TOTAL ...				46	29,440	46½	29,600	½	160	...	...

No.	Description.	RAJ AGENCY.				PURCHASERS.				FREE GRANTS.				RAJ SERVICE.				TOTAL.			
		Quantity.		Value.		Quantity.		Value.		Quantity.		Value.		Quantity.		Value.		Quantity.		Value.	
		Mds.	S.	Rs.	A. P.	Mds.	S.	Rs.	A. P.	Mds.	S.	Rs.	A. P.	Mds.	S.	Rs.	A. P.	Mds.	S.	Rs.	A. P.
1	Tat (Kishangarh) ...	10,988	15	2,726	4 0	.....	...	.....	.....	.....	...	.....	.....	51	0	17	0 0	11,034	15	2,743	4 0
2	Mills and Press ...	37,384	0	9,948	0 0	.....	...	.....	.....	.....	...	.....	.....	.....	...	.....	.....	37,384	0	9,948	0 0
3	Kishangarh ...	.....	...	.....	.....	4,812	20	902	14 9	950	0	190	0 0	1,375	0	275	0 0	7,137	20	1,427	14 9
4	Arain ...	.....	...	.....	.....	4,869	20	973	13 3	340	0	68	0 0	2,342	20	468	8 0	7,552	0	1,510	5 3
5	Bandarsindri ...	.....	...	.....	.....	1,250	20	250	2 5	210	0	42	0 0	735	0	147	0 0	2,195	20	439	2 3
6	Rupangarh ...	.....	...	.....	.....	1,997	0	398	14 6	70	0	14	0 0	2,881	5	576	4 0	4,918	5	989	2 6
7	Sarwar ...	.....	...	.....	.....	9,890	20	1,978	6 0	20	0	4	0 0	1,971	10	394	1 0	11,881	30	2,376	10 0
8	Bada Bada ...	.....	...	.....	.....	.....	...	.....	.....	565	36	188	10 0	13,651	38	4,550	10 0	14,217	34	4,739	4 0
9	Gobria Bada ...	.....	...	.....	.....	814	0	162	9 6	676	10	67	4 0	11,074	17½	1,107	0 0	12,564	27½	1,386	13 6
10	Bagar (Kishangarh) ...	.....	...	.....	.....	.....	...	.....	.....	.....	...	.....	.....	250	0	50	0 0	250	0	50	0 0
11	Jawadan ...	.....	...	.....	.....	170	0	34	0 0	.....	...	.....	.....	.....	...	.....	.....	170	0	34	0 0
	Total	48,367	15	12,674	4 0	23,801	0	4,760	12 3	2,832	6	573	14 0	34,332	10½	7,585	10 0	1,09,335	31½	25,594	8 3

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# FOREST DEPARTMENT KISHANGARH.

Out turn of Minor Forest Produce during the Sambat year 1961.

Form No. 13.

No.	Description.	RAJ AGENCY				PURCHASERS.				FREE GRANTS.				RAJ SERVICE.				TOTAL.			
		Quantity.		Value.		Quantity.		Value.		Quantity.		Value.		Quantity.		Value.		Quantity.		Value.	
		Mds.	S.	Rs.	a. p.	Mds.	S.	Rs.	a. p.	Mds.	S.	Rs.	a. p.	Mds.	S.	Rs.	a. p.	Mds.	S.	Rs.	a. p.
1	Grass and grazing	...	...	...	...	67,645	...	6,764	7 9	...	...	...	...	59,922	37	5,922	8 0	126,867	37	12,686	13 9
2	Patri	...	...	...	...	22,410	...	4,482	0 0	...	...	...	...	...	...	...	...	22,410	0	4,482	0 0
3	Asal	...	...	...	...	900	...	180	0 0	...	...	...	...	...	...	...	...	900	0	180	0 0
4	Long	...	...	...	...	10	...	81	0 0	...	...	...	...	...	...	...	...	10	0	81	0 0
5	Other Forest Produce	...	...	...	...	...	...	510	0 0	...	...	...	...	281	0	70	4 0	281	0	580	4 0
	Total	...	...	...	...	90,965	0	12,017	7 9	...	...	...	...	59,503	37	5,992	12 0	150,468	37	18,010	3 9

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No.	Description.	Wood.		Grass and Grazing.		Patri.		Aval.		Lac.		Other Forest Produce.		Fines.		Total.	
		Rs.	A. P.	Rs.	A. P.	Rs.	A. P.	Rs.	A. P.	Rs.	A. P.	Rs.	A. P.	Rs.	A. P.	Rs.	A. P.
1	Tat (Kishangarh) ...	2,726	4 0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	2,726	4 0
2	Mill and Press ...	9,948	0 0	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	9,948	0 0
3	Kishangarh ...	962	14 9	2,465	0 6	2,697	12 0	174	0 0	15	0 0	214	0 0	295	7 0	6,824	10 8
4	Arain ...	973	18 3	1,223	0 3	853	0 0	6	0 0	.....	..	28	0 0	108	7 0	3,192	4 6
5	Bandarindri ...	250	2 8	749	3 9	258	0 0	.....	.....	.....	.....	.....	.....	136	12 0	1,894	2 0
6	Rupnagarh ...	398	14 6	36	0 0	467	8 0	.....	.....	11	0 0	0	8 0	57	8 0	971	6 6
7	Sarwar ...	1,978	6 0	570	3 3	122	12 0	.....	.....	55	0 0	117	0 0	75	5 0	2,918	10 3
8	Bagar (Kishangarh) ...	.....	.....	1,600	0 0	43	0 0	.....	.....	.....	.....	150	0 0	10	0 0	1,803	0 0
9	Gobria Bada ...	162	9 6	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	162	9 6
10	Jawādan ...	94	0 0	121	0 0	40	0 0	.....	.....	.....	.....	.....	.....	.....	.....	195	0 0
11	Shikar-Khāna ...	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	45	0 0	45	0 0
Total ...		17,435	0 3	6,764	7 9	4,482	0 0	180	0 0	81	0 0	509	8 0	728	7 0	30,180	15 0

No.	Description.	Amount.			Total.		
		Rs.	A.	P.	Rs.	A.	P.
1	Forest Conservancy and Works—						
	(a) Tal at Kishangarh ...	1,314	2	6			
	(b) Somyag Mills and Press ...	3,287	5	0	4,601	7	6
2	Establishment—						
	(a) Superior ...	971	10	0			
	(b) Protective and office ...	2,021	7	0	2,993	1	0
3	Sowing and Planting ...	26	0	0	26	0	0
4	Arboriculture ...	288	4	0	288	4	0
5	Miscellaneous ...	86	0	0	86	0	0
TOTAL ...		TOTAL ...			7,994	12	6

# Revenue received and outstanding on account of revenue during the Sambat year 1961.

Form No. 21.

( 18 )

No.	Description.	Particulars.	Outstandings at Commencement of the year.		Value of sale and other revenue during the year.		Total.		Amount realized during the year.		Balance due to the Department at the end of the year.	
			Rs.	a. p.	Rs.	a. p.	Rs.	a. p.	Rs.	a. p.	Rs.	a. p.
1	Tal (Kishangarh)	Forest Produce ...	134	1 9	2,726	4 0	2,860	5 9	2,728	0 0	182	5 9
2	Mills and Press	"	4,700	0 0	9,948	0 0	14,648	0 0	14,648	0 0	...	...
3	Kishangarh	"	5,183	8 6	6,824	10 3	12,007	13 9	7,329	11 3	4,678	2 6
4	Arain	"	2,607	14 9	3,192	4 6	5,800	3 3	3,206	12 9	2,593	6 6
5	Bandarsindri	"	1,167	8 6	1,394	2 0	2,561	10 6	1,673	14 0	887	12 6
6	Rupangarh	"	1,546	14 9	971	6 6	2,518	5 3	878	5 3	1,640	0 0
7	Sarwar	"	1,533	2 0	2,918	10 3	4,451	12 3	2,544	7 3	1,907	5 0
8	Bagar (Kishangarh)	"	94	11 3	1,803	0 0	1,897	11 3	1,700	0 0	197	11 3
9	Gobria Bada	"	...	...	162	9 6	162	9 6	162	9 6	...	...
10	Javadan	"	...	...	195	0 0	195	0 0	195	0 0	...	...
11	Shikarkhana	"	...	...	45	0 0	45	0 0	45	0 0	...	...
		Total	16,987	8 6	30,180	15 0	47,148	7 6	35,111	12 0	12,036	11 6

Particulars.	PREVIOUS BALANCE.				GATHERED DURING THE YEAR.				ISSUED DURING THE YEAR.				BALANCE AT THE END OF THE YEAR.															
	Grass.		Khakhia.		Total.		Grass.		Khakhia.		Total.		Grass.		Khakhia.		Total.											
	Mds.	S.	Mds.	S.	Mds.	S.	Mds.	S.	Mds.	S.	Mds.	S.	Mds.	S.	Mds.	S.	Mds.	S.										
Kishangarh	26,575	28½	439	10	21	20	27,036	15½	40,187	10	219	100	40,506	10	53,942	31½	400	100	54,443	31½	12,819	7	258	10	21	20	13,098	37
Sarwar	43,820	38	20	26	43,860	23	8,081	27	62	8,143	27	10,718	15	80	25	10,797	...	2	...	41,195	10	41,197	10	...	...	41,197	10	
Rupangarh	2,409	24	...	...	2,400	24	10,154	...	...	10,154	...	3,907	32	...	...	3,907	32	...	...	8,655	32	...	...	...	...	8,655	32	
Araun	244	10	...	...	244	10	800	...	...	800	...	1,000	...	...	...	1,000	...	...	...	4,410	...	...	...	...	...	4,410	...	
Other villages	18,500	...	...	...	18,500	...	...	...	...	...	...	4,000	...	...	...	4,000	...	...	...	14,500	...	...	...	...	...	14,500	...	
Total	91,559	20½	459	35	93,040	35½	59,292	37	281	59,603	37	73,567	38½	480	25	74,148	23½	26	10	77,214	19	26	10	21	20	77,496	9	



## FOREST DEPARTMENT KISHANGARH.

Outturn of Fodder in Bagars (Stack) in the 4 Districts during the Sambat year 1961.

Form No. 23.

No.	DESCRIPTION.	No. OF STACKS.	QUANTITY.
			<i>Mds.</i>
1	Kishangarh Bagar ...	3	12,819
2	Bandarsindri ...	1	3,000
3	Arain ...	1	44
4	Akoria ...	1	7,000
5	Lamba ...	1	3,000
6	Sirunj ...	1	1,500
7	Sarwar ...	8	33,195
8	Sapla ...	2	8,000
9	Rupangarh ...	2	8,656
	Totals ...	20	77,214

## FOREST DEPARTMENT KISHANGARH.

Outturn of Fuel in Depots and Karkhanas during the Sambat year 1961.

Appendix A.

Name of Depôt or Karkhana.	Previous balance.		Collected during the year.		Total.		Sold or consumed during the year.		Balance at the end of the year.	
	Mds.	S.	Mds.	S.	Mds.	S.	Mds.	S.	Mds.	S.
Tal with Bara Bara ...	2,400	17	28,398	13	30,798	30	25,252	9	5,546	21
Somyag Mills and Press ...	...	...	36,780	0	36,780	0	36,780	0	...	...
Tal at Sarwar ...	1,464	30	1,475	0	2,939	30	1,438	30	1,501	0
Tal at Rupangarh ...	126	15	2,240	0	2,366	15	2,356	5	10	10
Total	3,991	22	68,893	13	72,884	35	65,827	4	7,057	31
GODRIA BARA :—										
Brush wood ...	1,092	21	11,640	12	12,732	33	12,450	27	282	6
Cow dung cakes ...	658	32	3,495	11	4,154	3	3,368	34	785	9
Total	1,751	13	15,135	23	16,886	36	15,819	21	1,067	15
GRAND TOTAL	5,742	35	84,028	36	89,771	31	81,646	25	8,125	6

## FOREST DEPARTMENT KISHANGARH.

Statement showing the actual expenditure of the Forest Department and the Karkhanas under it, during the Sambat year 1961.

## Appendix B.

No.	Department and Karkhanas.	Budget Sanctioned for 1961.			Actual for 1961.			Decrease.			Increase.		
		Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.	Rs.	A.	P.
1	Forest Department...	7,369	0	0	7,994	12	6	...	...	...	625	12	6
2	Karkhana Bagar ...	7,057	6	0	11,567	11	3	...	...	...	4,510	5	3
3	Shikar Khana ...	316	0	0	388	8	0	...	...	...	72	8	0
4	Bara Bada ...	517	4	0	517	4	0	...	...	...	...	...	...
5	Gobria Bada ...	1,354	1	0	1,178	0	6	176	0	6	...	...	...
	Total ...	16,613	11	0	21,646	4	3	176	0	6	5,208	9	9